said users attaches to an associated one of said digital information blocks, and

D1

one of said second users elects to receive a selected one of said digital information blocks responsive to said indicia of a respective digital information block.

SUB E37

4. (Amended) A remote access medical image exchange system, comprising:

a first facility for converting a plurality of physical medical images of N patients into corresponding digital medical images and for storing the digital medical images in a remotely accessible data storage device, to thereby provide a remotely accessible electronic digital medical image database comprised of the stored digital medical images corresponding to the N patients, the first facility comprising:

could just be first one first arrangement

D2

first means receiving an indicia from each of the respective N patients for generating a listing of the stored digital medical images in an order negotiated by all of the N patients; and

a second facility remote from the first facility, but in electronic communication therewith, for providing a diagnostic service provider [with] having access to the electronic digital medical image database with the listing of the stored digital medical images in the order negotiated by all of the N patients[; and],

wherein the system is configured in such a manner as to enable the diagnostic service provider to select one or more of the digital medical images from the database for reading from the listing, at the discretion of the diagnostic service provider.

SUB E57

8. (Amended) The system as set forth in Claim 4, wherein the first facility [includes] further comprises:

D3

second means for scanning the physical medical images and converting the scanned physical medical images into the corresponding digital medical images; and

the data storage device for storing the digital medical images.

SUB E77

29. (Amended) A system for transmitting, storing, retransmitting and receiving a plurality of work order packages, each containing a work order summary having an indicia of the priority attached to one of the work order packages by a respective requester and a work order, the system comprising:

D4

a first computer system including:

- a first memory storing a first software module containing first operating instructions readable by the first computer system;
- an input device for generating at least one of the work order packages and for changing one of the indicia in the respective one of the work order packages generated by the respective requester; and
- a first display for monitoring all of the work order packages;

a first communications channel receiving any of the work order packages generated by the first computer system;

a second computer system receiving the at least one of the work order packages from the first communications channel and parsing received work order packages into their respective work order summaries and work orders, the second computer system including:

- a second memory storing a second software module containing second operating instructions readable by the second computer system;
- a [summary] first storage memory for storing the work order summaries linked to the respective work orders in a predetermined order based on the indicia in the respective work order packages; and
- a [bulk] second storage memory for storing the respective work orders;

a second communications channel for receiving the respective work order summaries and a selected one of the work orders from the summary storage memory and the bulk storage memory, respectively; and

a third computer system for selecting the selected one of the respective work orders based on the work order summaries and for receiving the selected one of the work orders, the third computer comprising:

- a third memory storing a third software module containing third operation instructions readable by the third computer; and
- a second display for displaying any of the work order summaries and the selected one of the work orders;

wherein the second computer system, under control of the second operating instructions, reorders all of the stored work order summaries responsive to any change in the indicia of the work order packages generated by the respective requester.

SUB E9

31. (Amended) The system as recited in claim 29, wherein the third computer system comprises a plurality of third computers, and wherein the [summary] first storage memory comprises a first [storage] memory queue accessible by all of the third computers and a plurality of second [storage] memory queues, [having a plurality of partitions,] each of the [partitions] second memory queues being accessible by only a selected one of the third computers.

D5

SUB E11

35. (Amended) A remote access system for purchasing services, comprising:

a first facility for storing work order packages, each work order package generated by a respective originator and including a work order and an associated work order summary in a remotely accessible data storage device, to thereby provide a remotely accessible work order database comprised of the stored work order packages;

a plurality of second facilities remote from the first facility, but in electronic communication therewith, for providing a pool of participating service providers with access to the work order database; and

D6

means for facilitating interactive bidding by the originators of the work order packages and service providers regarding [the] fees to be charged by the participating service providers for the services requested in the work order packages,

whereby the system functions as an open electronic marketplace for the distribution of services to the originators, and

wherein the system is configured in such a manner as to enable any one or more of the service providers to select and extract one or more of the work orders from the work order database in accordance with selection criteria established by the service providers and the work order package originators.

SUB E12

39. (Amended) A graphic user interface (GUI) instantiated by computer software, the GUI representing a self-organizing marketplace for exchange of a selected type of one of goods and services, comprising digital information blocks generated by a plurality of respective users, wherein:

D7

the digital information blocks are disposed in an order established by all of the users[:];

each of the digital information blocks is represented in the GUI by graphic

indicators[, and];

each of the digital information blocks includes an indicia of priority that one of the users attaches to an associated one of the digital information blocks; and

all of the digital information blocks are freely selectable by at least one of the respective users.

D7

SUB E147

45. (Amended) The GUI as recited in Claim 44, wherein:

the at least one of the statistical measures is represented graphically [as a bar graph] in a table; and

the median of the at least one statistical measures is graphically represented on the [bar graph] table as a line.

D8

46. (Amended) The GUI as recited in Claim 45, wherein the [time derivative] rate of change of the median is graphically represented as an arrow attached to the line representing the mean.

SUB E167

48. (Amended) The GUI as recited in Claim 43, wherein user-specific statistical measures corresponding to the indicia of priority established by a respective one of the [uses] users is presented by the GUI for only that respective one of the users.

D9

SUB E187

55. (Amended) The GUI as recited in Claim 39, wherein the graphic indicators are [active] computer links to a sequence of computer instructions.

D10

SUB E207

60. (Amended) The GUI as recited in Claim 39, wherein the graphic indicators are [active] links to the associated digital information blocks.

D11

SUB E227

64. (Amended) The GUI as recited in Claim 39, wherein the graphic indicators are [direct] computer links to a buffer memory containing the associated digital information block.

D12

SUB E247

D13

66. (Amended) The GUI as recited in Claim 65, wherein statistical quantities associated with [the bar graph] all of the bars are displayed for all users on the GUI.

SUB E267

68. (Amended) The GUI as recited in Claim 67, wherein the at least one of the statistical measures is the mean of [the bar graph] all bars, which mean is represented graphically [on the bar graph] as a line.

D14

69. (Amended) The GUI as recited in Claim 68, wherein the rate of change [time derivative] of the mean of all bars is graphically represented [on the bar graph] as an arrow attached to the line representing the mean.

SUB E287

D15

78. (Amended) The GUI as recited in Claim [75] 77, wherein a selected one of the arithmetic calculations is presented only to a corresponding one of the first and second users.

SUB E307

D16

85. (Amended) The GUI as recited in Claim 70, wherein the graphic indicators are [active] computer links to a sequence of computer instructions.

SUB E327

D17

89. (Amended) The GUI as recited in Claim 70, wherein the graphic indicators are [active] links to the associated digital information blocks.

93. (Amended) The GUI as recited in Claim 70, wherein the graphic indicators are [direct] computer links to a buffer memory containing the associated digital information block.

D18

94. (Amended) The GUI as recited in Claim 70, wherein the graphic indicators are segments of a bar [in a bar graph], each segment being directly associated with a respective digital information block.

D18

95. (Amended) The GUI as recited in Claim 94, wherein statistical quantities associated with at least one of the segments of the bar [graph] are displayed for all users on the GUI.

97. (Amended) The GUI as recited in Claim 96, wherein the at least one of the statistical measures is the mean of all of the segments [the bar graph], which mean is represented graphically on the [bar graph] GUI as a line.

D19

98. (Amended) The GUI as recited in Claim 97, wherein the [time derivative] rate of change of the mean of all of the segments is graphically represented on the [bar graph] GUI as an arrow attached to the line representing the mean of all of the segments.

D20

103. (Amended) A buffer memory operated by a first user for storing a plurality of links to respective digital information blocks generated by a plurality of respective second users in an order freely established by the second users, wherein:

each of said digital information blocks is receivable by at least one of a plurality of third users[,];

each of the links includes an indicia of the priority a respective one of the second users attaches to an associated one of said digital information blocks; and

each of the third users is presented with a link list ordered responsive the indicia associated with the links stored in the buffer memory.

REMARKS

The Office Action was mailed on January 29, 2003, and set a shortened three-month statutory reply period. Attached hereto is a Petition for a One Month Extension of Time and our authorization to charge the prescribed fee to our Deposit Account.